

IN THE CLAIMS

1. (*Original*) A process for laminating a flexible electrically addressable display, said process comprising:

providing a flexible, electrically addressable liquid crystal display having first and second surfaces;

5 placing a protective sheet over at least one of said first and second surfaces; and

subjecting said protective sheet to conditions of temperature and pressure effective to cause said protective sheet to adhere to said surface, thereby forming a laminate comprising said electrically addressable liquid crystal display.

2. (*Original*) The process of claim 1 further comprising:

providing an adhesive resin between said protective sheet and said surface prior to said applying heat and pressure.

3. (*Original*) The process of claim 1 wherein said flexible, electrically addressable liquid crystal display comprises:

a flexible substrate;

a transparent, first electrically conductive layer disposed on said substrate;

- 5 a light modulating layer comprising liquid crystalline material and a
polymeric binder disposed on said electrically conductive layer;
a patterned layer comprising areas of opaque electrically conductive
material disposed on said light modulating layer;
a dielectric layer disposed on said patterned layer, said dielectric layer
10 comprising contact apertures to said areas of opaque electrically conductive
material and to said first electrically conductive layer; and
a second electrically conductive layer overlying said dielectric layer and
extending into said contact apertures to said areas of opaque electrically
conductive material and to said first electrically conductive layer.

4. *(Original)* The process of claim 3 wherein said substrate comprises polyester and said first electrically conductive layer comprises indium-tin oxide (ITO).

5. *(Original)* The process of claim 3 wherein said liquid crystalline material comprises cholesteric material and said polymeric binder comprises deionized gelatin.

6. *(Original)* The process of claim 3 wherein said areas of opaque electrically conductive material comprise electrically conductive ink.

7. (*Original*) The process of claim 1 wherein said protective sheet is formed of a material selected from a group consisting of polyesters, polyolefins, polycarbonates, vinyl resins, acrylic resins, and methacrylic resins.

8. (*Original*) The process of claim 2 wherein said adhesive resin is selected from the group consisting of homopolymer and co-polymer adhesive resins.

9. (*Original*) The process of claim 1 wherein said applying heat is at a temperature of about 25°C to about 150°C and said applying pressure is at a pressure of about 1 kg/cm² to about 5 kg/cm².

10. (*Original*) The process of claim 1 further comprising:
inserting a first printed sheet between said first surface and a first protective sheet.

11. (*Original*) The process of claim 10 further comprising:
inserting a second printed sheet between said second surface and a second protective sheet.

12. (*Original*) The process of claim 1 wherein at least one protective sheet comprises a contact aperture to said electrically addressable liquid crystal display.

13. (*Original*) A laminated electrically addressable liquid crystal display formed by the process of claim 1.

14. (*Previously Presented*) A process for laminating a flexible electrically addressable display, said process comprising:

providing a flexible, electrically addressable liquid crystal display having first and second surfaces and comprising:

5 a transparent, first electrically conductive layer disposed on said substrate;

 a light modulating layer comprising liquid crystalline material and a polymeric binder disposed on said electrically conductive layer;

 a patterned layer comprising areas of opaque electrically
10 conductive material disposed on said light modulating layer;

 a dielectric layer disposed on said patterned layer, said dielectric layer comprising contact apertures to said areas of opaque electrically conductive material and to said first electrically conductive layer; and

a second electrically conductive layer overlying said dielectric layer
15 and extending into said contact apertures to said areas of opaque electrically
conductive material and to said first electrically conductive layer;
placing a protective sheet over each of said first and second surfaces of
said electrically addressable liquid crystal display; and
subjecting said protective sheets to conditions of temperature and
20 pressure effective to cause said protective sheets to adhere to said first and
second surfaces, thereby forming a laminate comprising said electrically
addressable liquid crystal display.

15. (*Original*) The process of claim 14 wherein said substrate and said
protective sheets comprise polyester, said first electrically conductive layer
comprises indium-tin oxide (ITO), said liquid crystalline material comprises a
cholesteric material, said polymeric binder comprises deionized gelatin, and said
5 areas of opaque electrically conductive material comprise electrically conductive
ink.

16. (*Previously Presented*) A process for laminating a flexible electrically
addressable display, said process comprising:

providing a flexible, electrically addressable liquid crystal display having
first and second outer surfaces, said first outer surface comprising a flexible

- 5 substrate of the display, said second outer surface comprising an electrically
conductive layer overlying a dielectric layer;
- placing a protective sheet over at least one of said first and second
surfaces; and
- subjecting said protective sheet to conditions of temperature and pressure
- 10 effective to cause said protective sheet to adhere to said surface, thereby
forming a laminate comprising said electrically addressable liquid crystal display.